

an analog voice system is replaced with a digital voice system, only the resulting frequency response, harmonic distortion, signal-to-noise ratio and its reliability will be considered in determining comparable reliability.

(3) *Operating costs.* Operating costs are the cost to operate and maintain the FS system. FSS licensees must compensate FS licensees for any increased recurring costs associated with the replacement facilities (e.g., additional rental payments, increased utility fees) for five years after relocation. FSS licensees may satisfy this obligation by making a lump-sum payment based on present value using current interest rates. Additionally, the maintenance costs to the FS licensee must be equivalent to the 18 GHz system in order for the replacement system to be considered comparable.

(c) The FS licensee is not required to relocate until the alternative facilities are available to it for a reasonable time to make adjustments, determine comparability, and ensure a seamless handoff. The FS licensee may take up to 12 months to make such adjustments and perform such testing.

(d) If the FS licensee demonstrates to the Commission that the new facilities are not comparable to the former facilities, the Commission may require the FSS licensee to further modify or replace the FS licensee's equipment.

[65 FR 54173, Sept. 7, 2000, as amended at 66 FR 63516, Dec. 7, 2001]

§ 101.95 Sunset provisions for licensees in the 18.30–19.30 GHz band.

(a) FSS licensees are not required to pay relocation costs after the relocation rules sunset (see §§ 74.502(c), 74.602(g), and 78.18(a)(4) of this chapter, and 101.147 (a) and (r)). Once the relocation rules sunset, an FSS licensee may require the incumbent to cease operations, provided that the FSS licensee intends to turn on a system within interference range of the incumbent, as determined by TIA Bulletin 10-F or any standard successor. FSS licensee notification to the affected FS licensee must be in writing and must provide the incumbent with no less than six months to vacate the spectrum. After the six-month notice period has expired, the FS licensee must turn its li-

cense back into the Commission, unless the parties have entered into an agreement which allows the FS licensee to continue to operate on a mutually agreed upon basis.

(b) If the parties cannot agree on a schedule or an alternative arrangement, requests for extension will be accepted and reviewed on a case-by-case basis. The Commission will grant such extensions only if the incumbent can demonstrate that:

(1) It cannot relocate within the six-month period (e.g., because no alternative spectrum or other reasonable option is available); and

(2) The public interest would be harmed if the incumbent is forced to terminate operations (e.g., if public safety communications services would be disrupted).

§ 101.97 Future licensing in the 18.30–19.30 GHz band.

(a) All major modifications and extensions to existing FS systems in the 18.3–18.58 band after November 19, 2002, or in the 18.58–19.30 band after June 8, 2000 (with the exception of certain low power operations authorized under § 101.147(r)(10)) will be authorized on a secondary basis to FSS systems. All other modifications will render the modified FS license secondary to FSS operations, unless the incumbent affirmatively justifies primary status and the incumbent FS licensee establishes that the modification would not add to the relocation costs for FSS licensees. Incumbent FS licensees will maintain primary status for the following technical changes:

- (1) Decreases in power;
- (2) Minor changes (increases or decreases) in antenna height;
- (3) Minor location changes (up to two seconds);
- (4) Any data correction which does not involve a change in the location of an existing facility;
- (5) Reductions in authorized bandwidth;
- (6) Minor changes (increases or decreases) in structure height;
- (7) Changes (increases or decreases) in ground elevation that do not affect centerline height;
- (8) Minor equipment changes.
- (9) Changes in ownership or control.

§ 101.101

47 CFR Ch. I (10–1–10 Edition)

(b) The provisions of § 101.83 are applicable, notwithstanding any other provisions of this section.

Subpart C—Technical Standards

[65 FR 54173, Sept. 7, 2000, as amended at 66 FR 63516, Dec. 7, 2001; 68 FR 19698, Apr. 8, 2003]

§ 101.101 Frequency availability.

Frequency band (MHz)	Radio service				
	Common carrier (Part 101)	Private radio (Part 101)	Broadcast auxiliary (Part 74)	Other (Parts 15, 21, 22, 24, 25, 74, 78 & 100)	Notes
928–929	MAS	MAS .....	.....	PRS.	
932.0–932.5	MAS	MAS .....	.....	PRS.	
932.5–935.0	CC	OFS .....	.....	.....	(1).
941.0–941.5	MAS	MAS .....	.....	PRS.	
941.5–944.0	CC	OFS	Aural BAS .....	.....	(1).
952–958 .....	.....	OFS/MAS .....	.....	PRS.	
958–960	MAS	OFS.	.....	.....
1850–1990 .....	.....	OFS .....	.....	PCS.	
2110–2130	CC .....	.....	.....	PET.	
2130–2150 .....	.....	OFS .....	.....	PET.	
2160–2180	CC .....	.....	.....	ET.	
2180–2200 .....	.....	OFS .....	.....	PET.	
2450–2500	CC	OFS	TV BAS	ISM	F/M/TF
2650–2690 .....	.....	OFS .....	.....	MDS/ITFS.	
3700–4200	CC LTTS	OFS .....	.....	SAT.	
5925–6425	CC LTTS	OFS .....	.....	SAT.	
6425–6525	LTTS	OFS	TV BAS	CARS	M.
6525–6875	CC	OFS.	.....	.....
10,550–10,680	CC	OFS DEMS.	.....	SAT.	
10,700–11,700	CC	OFS .....	.....	DBS, NGSO FSS.	
12,200–12,700	MVDDS	MVDDS, POFS .....	.....	CARS	F/M/TF.
12,700–13,250	CC LTTS	OFS	TV BAS	SAT CARS.	
17,700–18,580	CC	OFS	TV BAS	CARS.	
17,700–18,300	CC	OFS	TV BAS	CARS.	
18,300–18,580	CC	OFS	TV BAS	CARS SAT.	
18,580–18,820	CC	OFS	Aural BAS	SAT.	
18,820–18,920	CC	OFS .....	.....	SAT	
18,920–19,160	CC	OFS	Aural BAS	SAT.	
19,160–19,260	CC	OFS .....	.....	SAT	
19,260–19,700	CC	OFS	TV BAS	CARS SAT.	
21,200–23,600	CC LTTS	OFS .....	.....	.....	TF.
24,250–25,250	CC	OFS.	.....	.....
27,500–28,350	LMDS	LMDS.	.....	.....
29,100–29,250	LMDS	LMDS .....	.....	SAT.	
31,000–31,300	CC LMDS LTTS	OFS LMDS .....	.....	.....	F/M/TF.
38,600–40,000	CC	OFS	TV BAS .....	.....	F/M/TF.
71,000–76,000	CC	OFS .....	.....	25	F/M/TF.
81,000–86,000	CC	OFS .....	.....	25	F/M/TF.
92,000–95,000	CC	OFS .....	.....	15	F/M/TF.

BAS: Broadcast Auxiliary Service—(Part 74)
CARS: Cable Television Relay Service—(Part 78)
CC: Common Carrier Fixed Point-to-Point Microwave Service—(Part 101, Subparts C & I)
DBS: Direct Broadcast Satellite—(Part 100)
DEMS: Digital Electronic Message Service—(Part 101, Subpart G)
ISM: Industrial, Scientific & Medical—(Part 18)
ITFS: Instructional Television Fixed Service—(Part 74)
LTTS: Local Television Transmission Service—(Part 101, Subpart J)
MAS: Multiple Address System—(Part 101)
MDS: Multipoint Distribution Service—(Part 21)
OFS: Private Operational Fixed Point-to-Point Microwave Service—(Part 101, Subparts C & H)
PCS: Personal Communications Service—(Part 24)
PET: Emerging Technologies (per ET Dkt. No. 92–9, not yet assigned)
PRS: Paging and Radiotelephone Service—(Part 22, Subpart E)
SAT: Fixed Satellite Service—(Part 25)
Notes:
F—Fixed
M—Mobile
TF—Temporary Fixed